Program Description/Textbook or Print Instructional Material

Vendor:____Lawrenceville Press, Inc._____ Web Address:_____lvp.com_____

Title:__An Introduction to Programming Using Microsoft Visual Basic .NET_____

Author: Brown/ Presley_____ Copyright: 2003_____

ISBN: 1-58003-038-6_____Course/Content Area:Information Technology/Programming_____

Intended Grade or Level: _10-12_____ Readability Level: 10.19 Flesh-Kincaid_____

List Price: _57.30_____ Lowest Wholesale Price: _42.95_____

All materials bid as of July 1, 2003 must be offered in an alternative format for students who require reading accommodations. A description of the levels of accommodation is included on p.8-9 of this bid packet. The Kentucky Department of Education must receive a copy of the alternative format if the instructional material is placed on the State Multiple List.

Level of Accommodations (Level One, Two or Three)__Level Three_____

If Level Two or Three, please provide rationale for not meeting Level One Compliance We will do our best to meet

Level One. Since our publications are computer texts it may not be possible and pdf files would be the best_____

format solution._____

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

An Introduction to Programming Using Microsoft Visual Basic .NET contains a brief history of computers, introduces students to the Windows XP operating system (other operating system chapters can be found on line at lvp.com), introduces OOP and the Visual Basic .NET IDE, variables and constants, decision structures, looping structures, Sub, function, and event procedures, Math class and business functions, arrays, structures, and enumerated types, color, graphics, and animation, classes, files, sorting and searching, MDI applications and ASP.NET.

Student Experiences

An Introduction to Programming Using Microsoft Visual Basic .NET has been classroom tested by experienced computer educators.

Assessment

Each chapter contains numerous review questions, and exercises. The Teacher's Resource CD contains worksheets and tests, as well as the ExamView test generator program.

Organization

An Introduction to Programming Using Microsoft Visual Basic .NET is written for a one-term or two-term course. An outline of the significant topics that will be covered is presented at the beginning of each chapter, and numerous reviews and a large set of exercises of varying difficulty are presented throughout each chapter, and most chapters end by stating a problem and then developing the appropriate algorithm. Each chapter ends by summarizing concepts, statements, and controls covered in the chapter. Each chapter ends by summarizing concepts.

Resource Materials

Gratis Items To Be Provided And Under What Conditions

The Teacher's Resource CD will be provided at no charge when ordering a classroom set of 20 or more texts. There are also supplemental chapters on line at lvp.com that can be downloaded at

no charge by teachers when using our text in their class.

Group V - Career/Technical
Vocational/Practical Living Education
Instructional Materials Evaluation Tool
IT Programming

Title: An Introduction to Programming Using Microsoft Visual Basic.NET	**Cost:** $ 42.95

Publisher: Lawrenceville Press, Inc.

Item Evaluated: Textbook

Copyright Date: 2003	**Evaluator:** Scott Horan/David Davis
Content Level: 10-12	**Date of Evaluation:** 7/29/2003

Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance

This section completed by Exceptional Children Services

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:
X Recommended by reviewers to State Textbook Commission
☐ Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.

Group V - Career/Technical
Vocational/Practical Living Education
Instructional Materials Evaluation Tool
IT Programming

Title: An Introduction to Programming Using Microsoft Visual Basic. NET	Publisher: Lawrenceville Press, Inc.

Technology Management Summary Data:	20 possible points	_____14_____ points earned

Technology Management Comments:

Technology Presentation/Interface Summary Data:	40 possible points	_____26_____ points earned

Technology Presentation/Interface Comments:

Content Summary Data:	36 possible points	_____30_____ points earned

Content Comments:

Instruction & Management Summary Data	52 possible points	_____51___points earned

Instruction & Management Comments:

Organization & Structure Summary Data	36 possible points	_____32_____ points earned

Organization & Structure Comments:

Resource Material Summary Data	40 possible points	_____23____points earned

Resource Material Comments:

Group V - Career /Technical & Vocational/Practical Living
Electronic Instructional Media Review Form—CD for Visual Basic.NET—Lawrenceville Press
Stand Alone/Independent or Integrated Software for IT Programming

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)	Cost : Included with text	
Windows	Primary	Individual	Stand Alone/Independent	_____single copy	_____site license
Macintosh	Intermediate	Small Group	Integrated	_____network version	_____school version
CD-ROM	Middle	Large Group	Supplemental	____lab pack of ___ copies	_____online
DVD	High		In lieu of basal test		
Sound					
Other					

If other, explain

Type of Software: Check all that apply	_____Simulation	_____Management	_____Interdisciplinary	_____Problem Solving	____Tutorial
_____Exploratory	_____Creativity	_____Drill and Practice	_____Critical Thinking	_____Utility	Tests-Other

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	3
Allows students to exit and resume at a later time.	3
Keeps a students performance record, where needed.	4
Allows control of various aspects of the software (e.g., turning sound off).	0
Allows for printed reports.	4
Comments:	Total 14

Presentation/Interface	Rating
Presents material in an organized manner.	4
Has consistent, easy-to-use, on-screen instructions.	4
Has developmentally correct presentation format.	4
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	3
Accessible for special needs students.	0
Runs smoothly, without long delays.	4
Presents easy-to-view text and graphics.	4
Presents easy-to-hear and understand sounds.	0
Avoids unnecessary screens, sounds, and graphics.	3
Provides immediate, appropriate feedback.	0
Comments: Only the Teacher Resource CD was reviewed. No Teacher Resource Kit was provided for review.	Total 26

Content—IT Programming	Rating
Career Focus/Employability Skills/Workplace Readiness Skills	1
Customer Needs Analysis	1
Analysis of Programming Requirements	4
Develop Programming Structure	4
Design and Develop the Program	4
Implement Program Code	4
Test Program	4
Validate Program	4
Major Types of Programs: **Visual Basic**, Java, C++, etc.	4
Comments:	**Total 30**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	3
Builds on Student Ideas	4
Engages Students	4
Develops Computer Maintenance Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	4
Commonwealth Accountability Testing System (CATS) "like" Assessment is provided	4
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	4
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	4
Differentiation techniques and activities suggested.	4
Comments:	**Total 51**

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	4
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	4
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	4
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	0
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	4
Student materials seem durable and conducive to daily use.	4
Includes sufficient glossary, index and appendices.	4
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	4
Comments: The hardbound version of the textbook was reviewed; a paperback version is available.	**Total 32**

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	4
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	4
Extension activities including adaptations and accommodations for students with special needs.	3
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	4
Suggestions are made for integration of themes and /or interdisciplinary instruction.	3
Integration opportunities suggested and examples given.	3
Teacher resources are available online.	2
Online resources available – Repeat of information in text.	0
Online resources available – Practice skills only.	0
Online resources available – New application materials.	0
Comments: Only Data files and technical support are available online.	**Total 23**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable